

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. APP. NO. 09/825,930

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

4. (currently amended): A radio-filter of combine structure with a capacitor compensation circuit, comprising:
 - a plurality of input terminals;
 - a plurality of output terminals;
 - a triple plate stripline filter having at least one pair of striplines arranged between first input and output terminals for filtering input signals through said first input terminal to select signals of a given frequency band for delivery to said first output terminal, each of said striplines having a via-hole at each of its respective ends, said first input and output terminals having via-holes;
 - a top ground layer having second input and output terminals formed of closed loop striplines containing via-holes connected respectively with the via-holes of said first input and output terminals of said stripline filter, and
 - at least two capacitor compensators, respectively connected to a closed loop stripline connected to a via-hole connected with one of the via-holes of the striplines of said stripline filter to connect said respective capacitor compensator with one of the striplines of said stripline filter, wherein said at least two capacitor compensators are arranged at the same end of the respective

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striplines and each of said capacitor compensators is disposed on the respective stripline in a straight line row with the via holes of the respective stripline; and

a bottom ground layer connected to other via-holes of the stripline of said stripline filter which are not connected with said respective capacitor compensator, wherein said other via-holes ground said stripline.

5. (previously presented): A radio filter as defined in Claim 4, wherein said respective capacitor compensator further comprises a lumped element adapted to provide capacitance enabling a length of said stripline to electrically meet a half wavelength of a center frequency of said triple plate stripline filter.